

Fig. 1

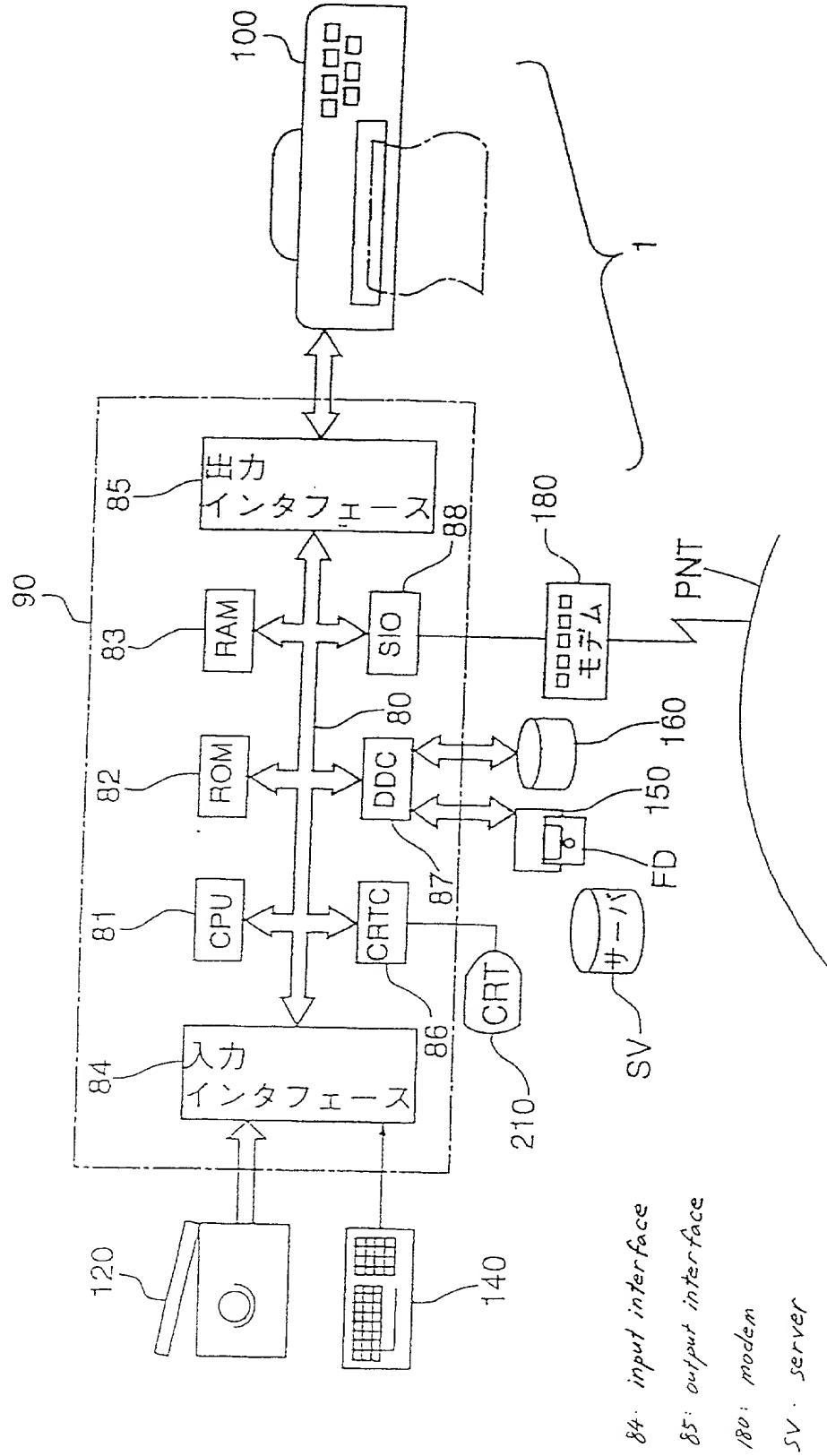
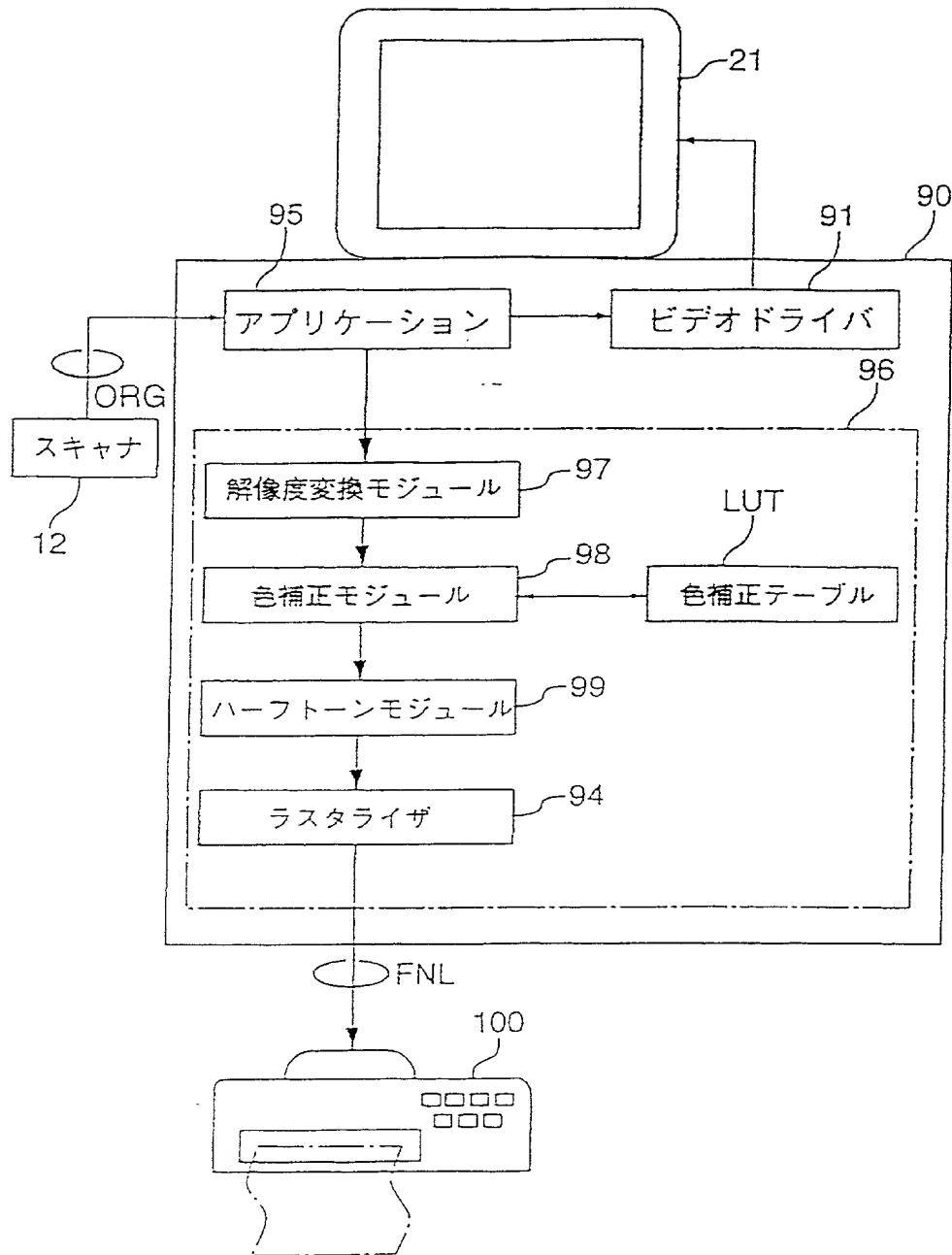


Fig. 2



- 12: scanner
- 91: video driver
- 94: rasterizer
- 95: application
- 97: resolution conversion module
- 98: color correction module
- 99: halftone module

Fig. 3

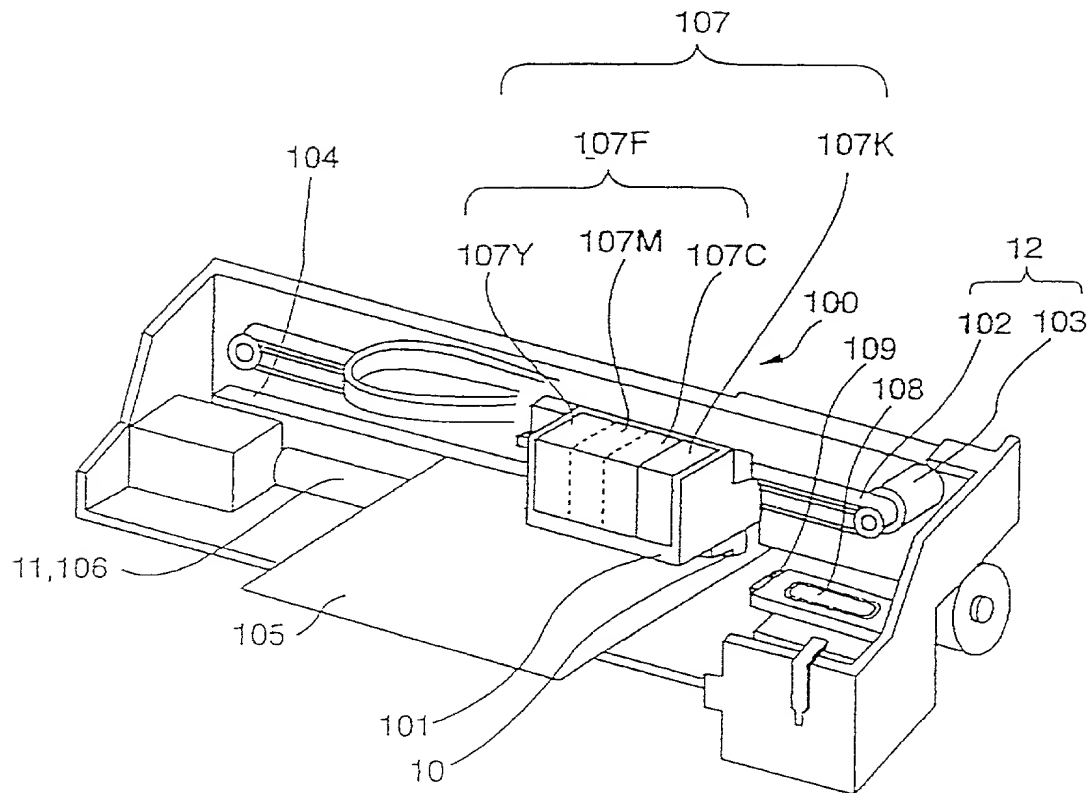
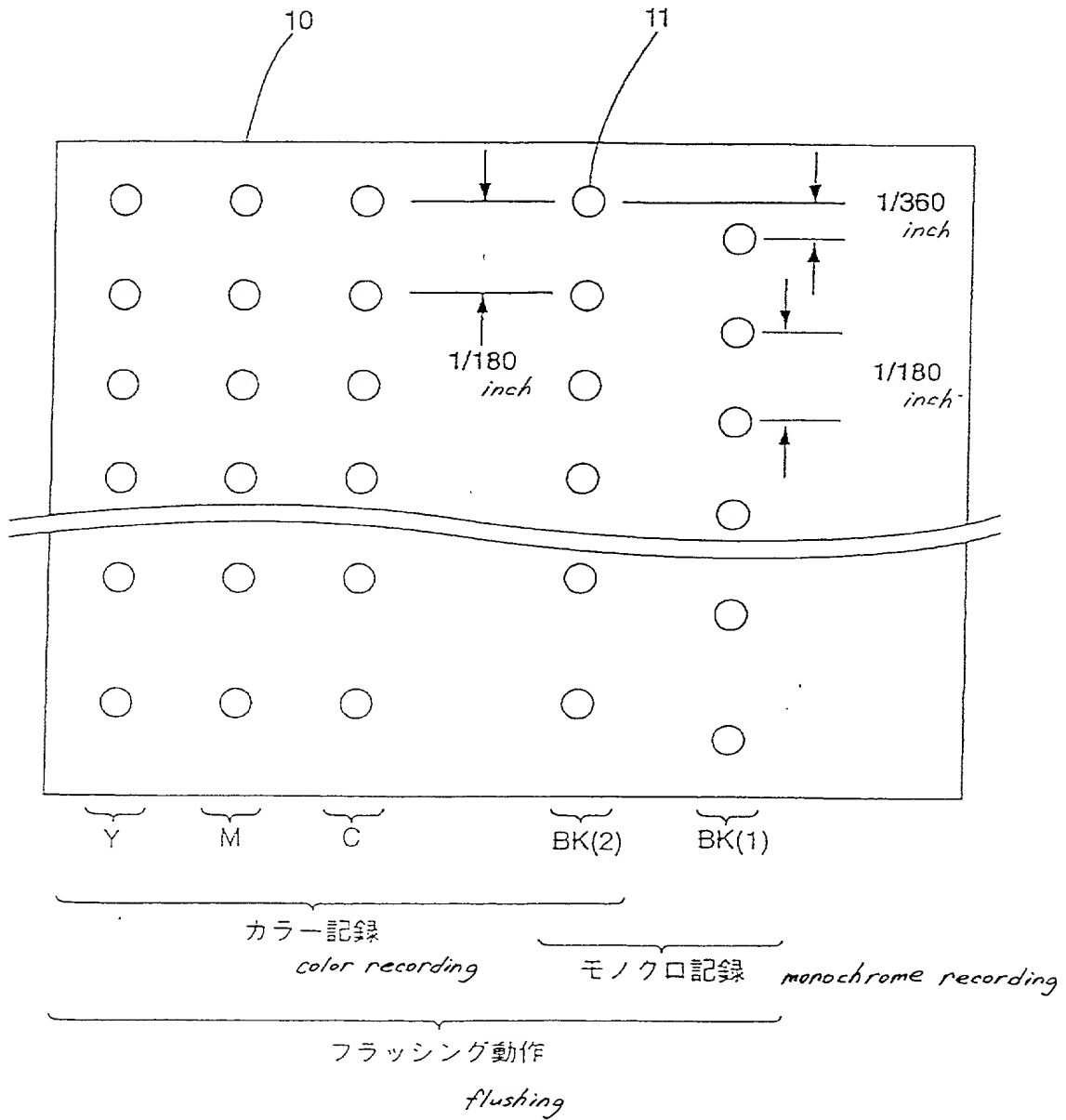


Fig. 4



11: paper transport

12: carriage

13: shift register

14: latch

15: level shifter

16: switch

18: mode fixing circuit

44A: input buffer

44B: image buffer

44C: output buffer

46: control section

461: fixing signal output section

462: storage region setting section

47: oscillation circuit

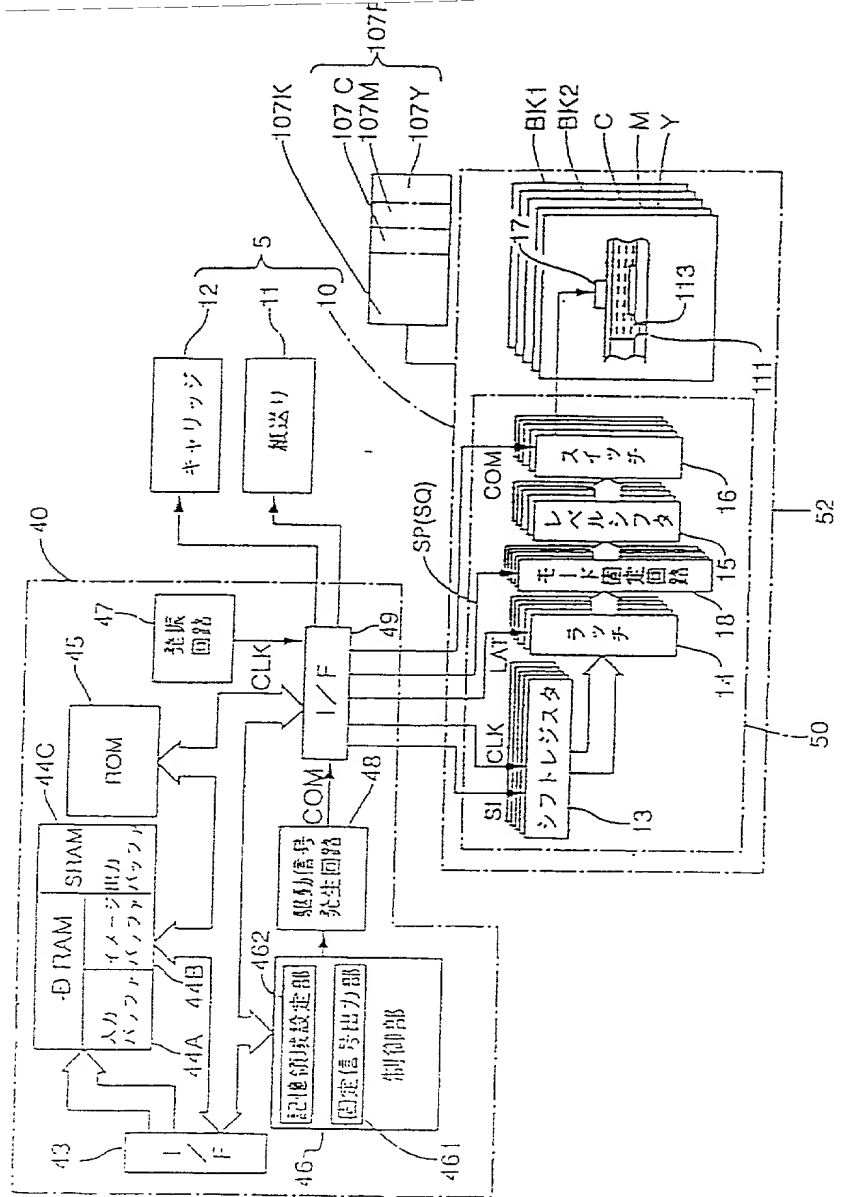


Fig. 6

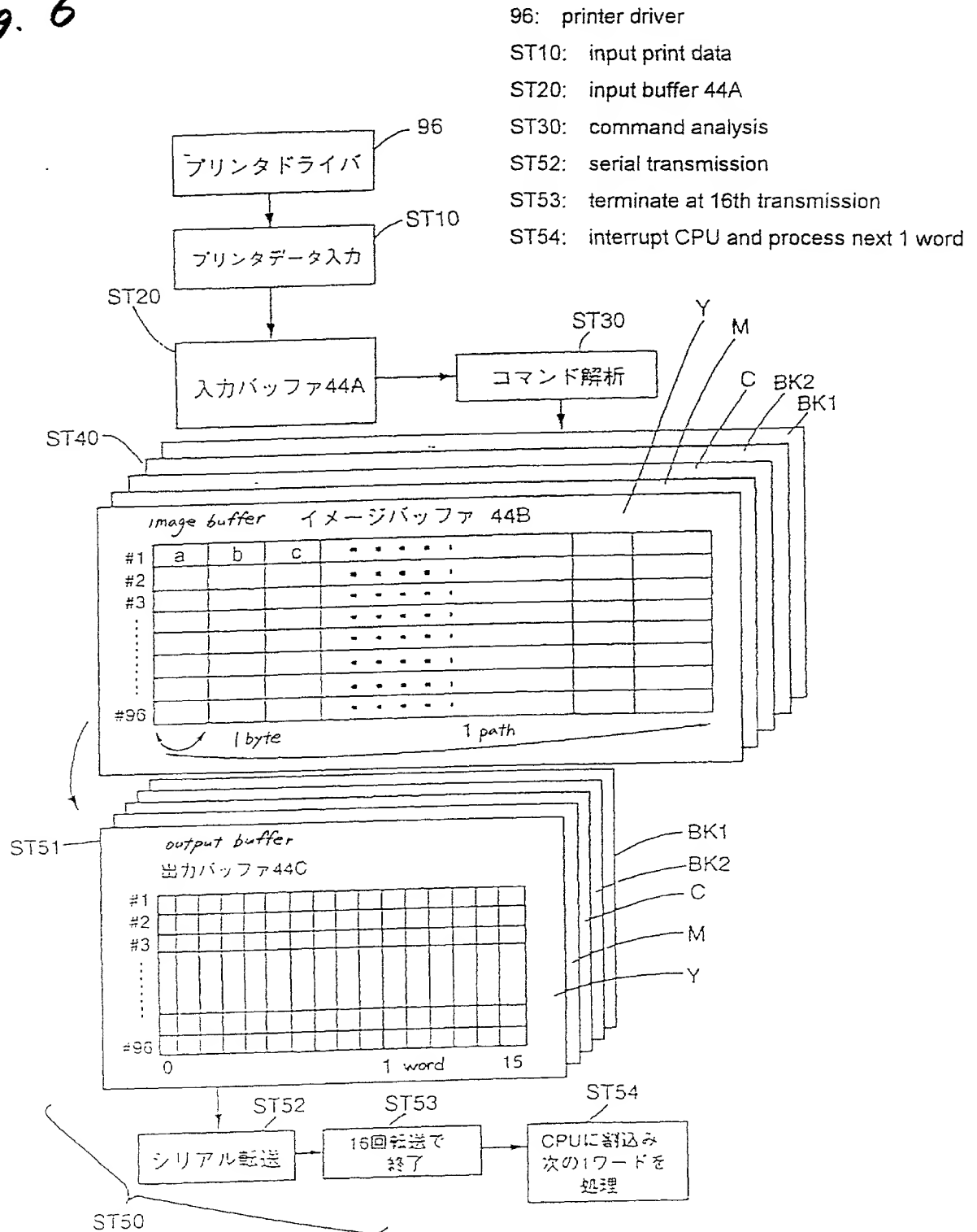
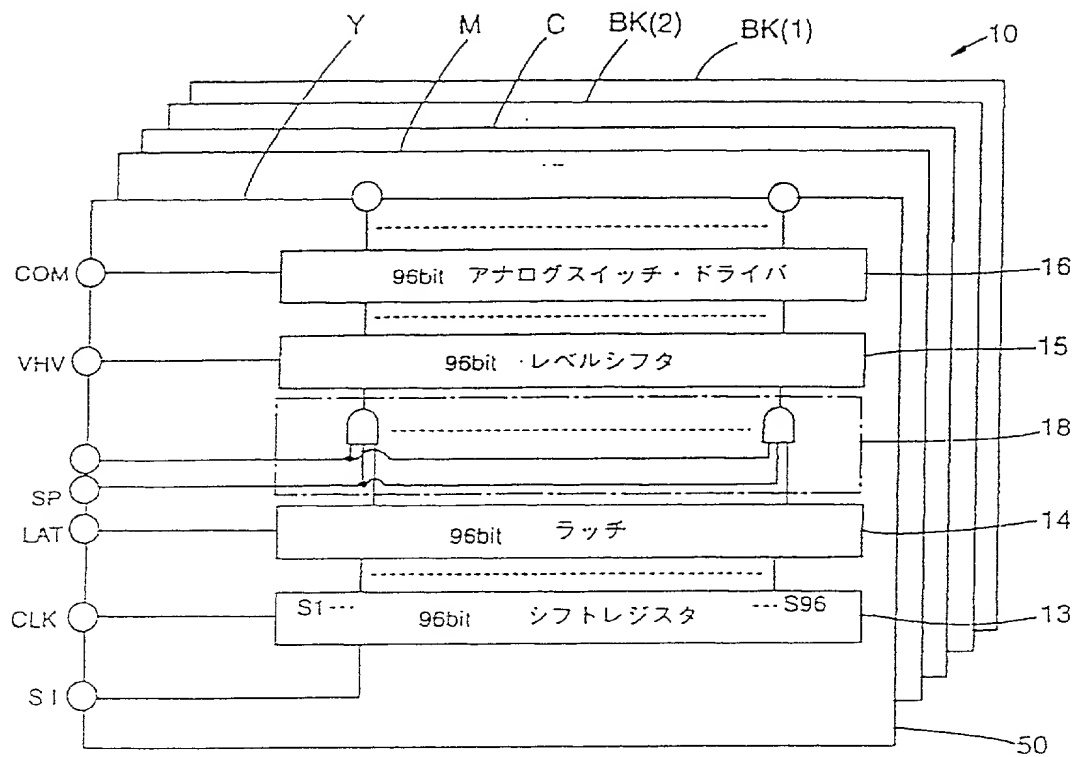
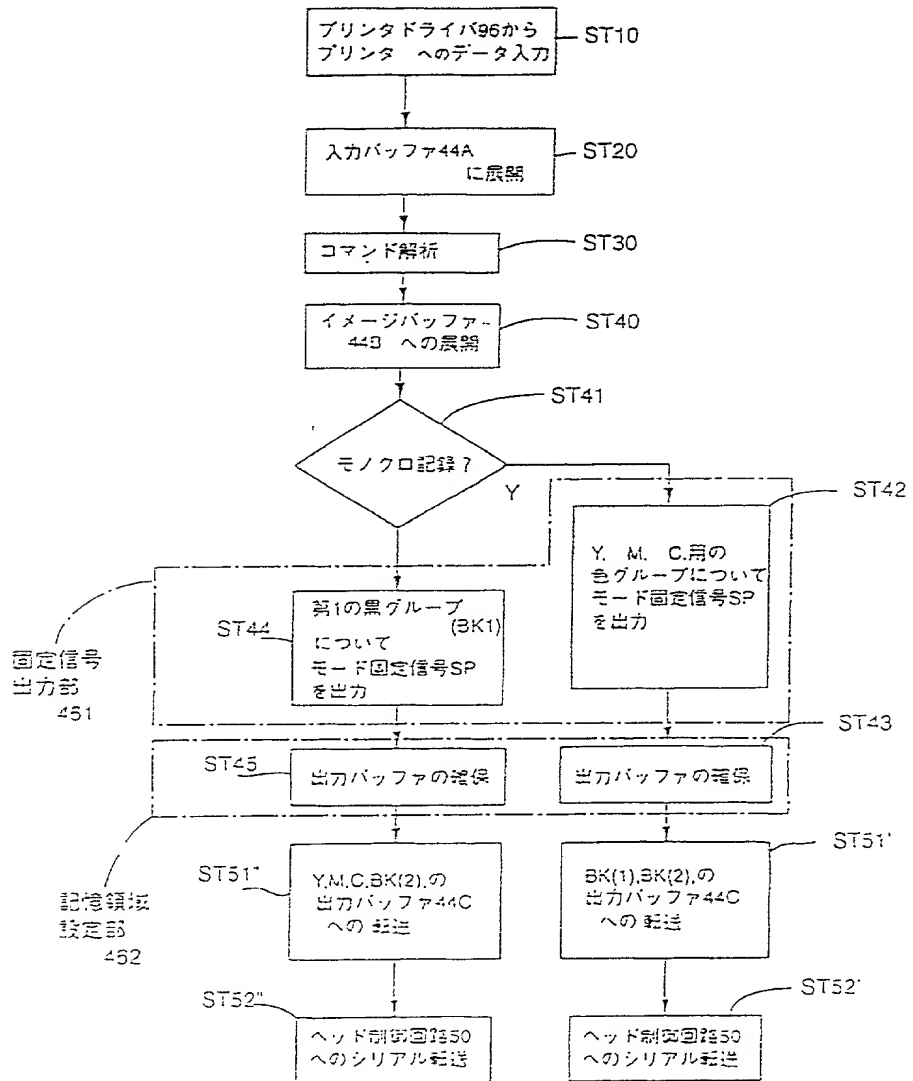


Fig. 7



- 13: shift register
- 14: latch
- 15: level shifter
- 16: analog switch driver

Fig. 8



- ST10: data input from printer driver 96 to printer
 ST20: data expansion in input buffer 44A
 ST30: command analysis
 ST40: data expansion in image buffer 44B
 ST41: monochrome recording?
 ST42: output mode fixing signal SP to color group (Y, M, C)
 ST43: reserve output buffer
 ST44: output mode fixing signal SP to first black group (BK1)
 ST45: reserve output buffer
 ST51': transfer BK(1) and BK(2) to output buffer 44C
 ST52': serial transmission to head driver circuit 50
 ST51'': transfer Y, M, C and BK(2) to output buffer 44C
 ST52'': serial transmission to head driver circuit 50

Fig. 9

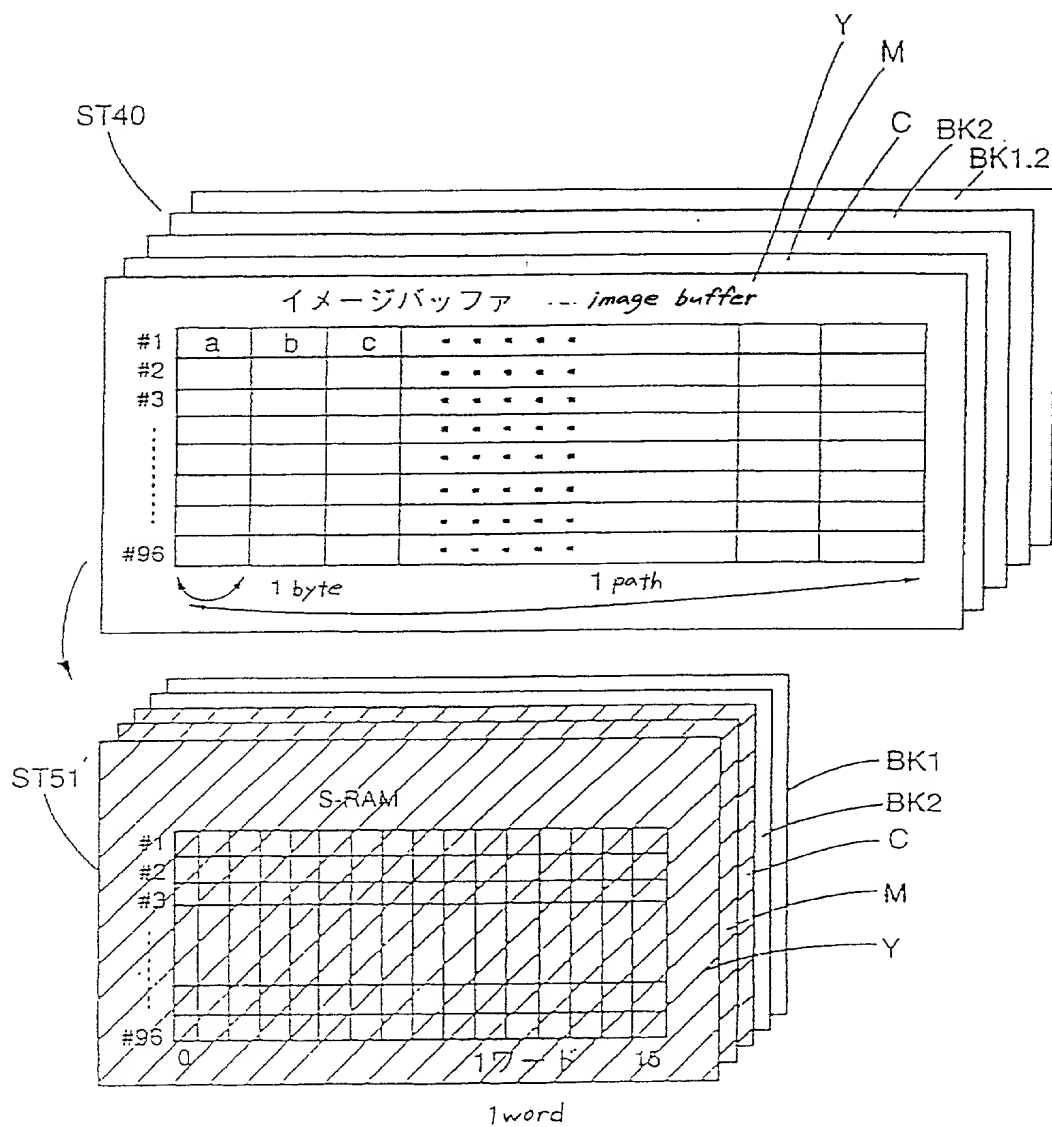


Fig. 10

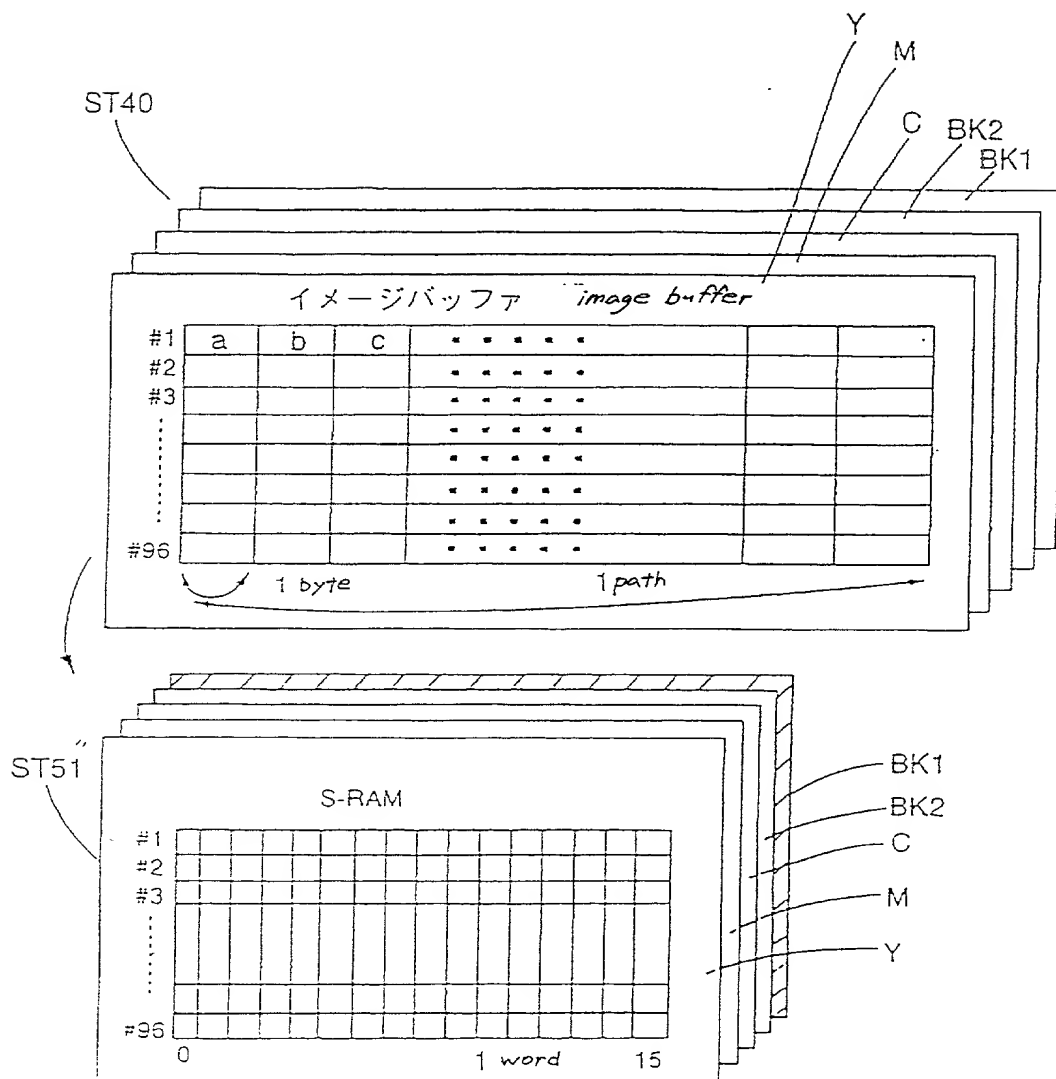


Fig. 11

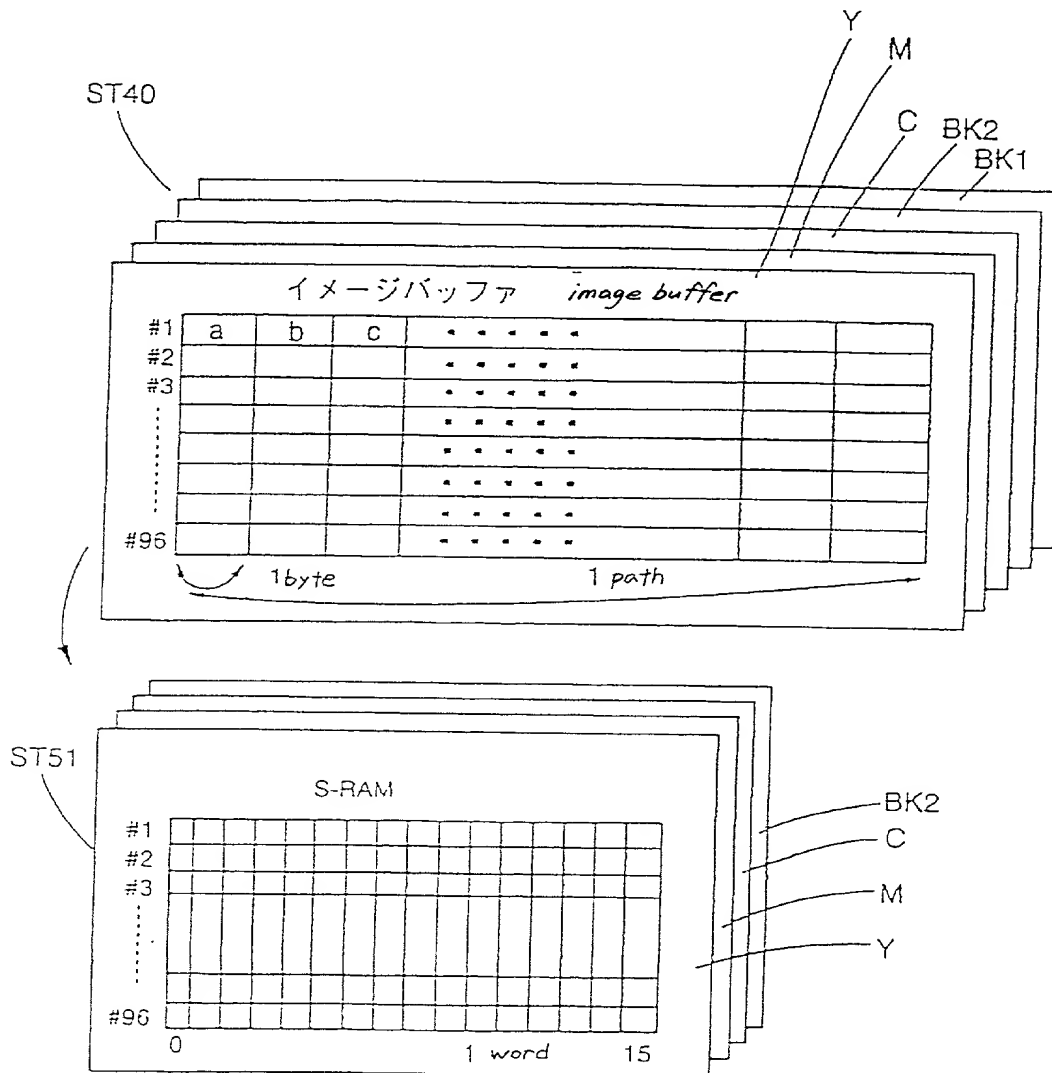


Fig. 12

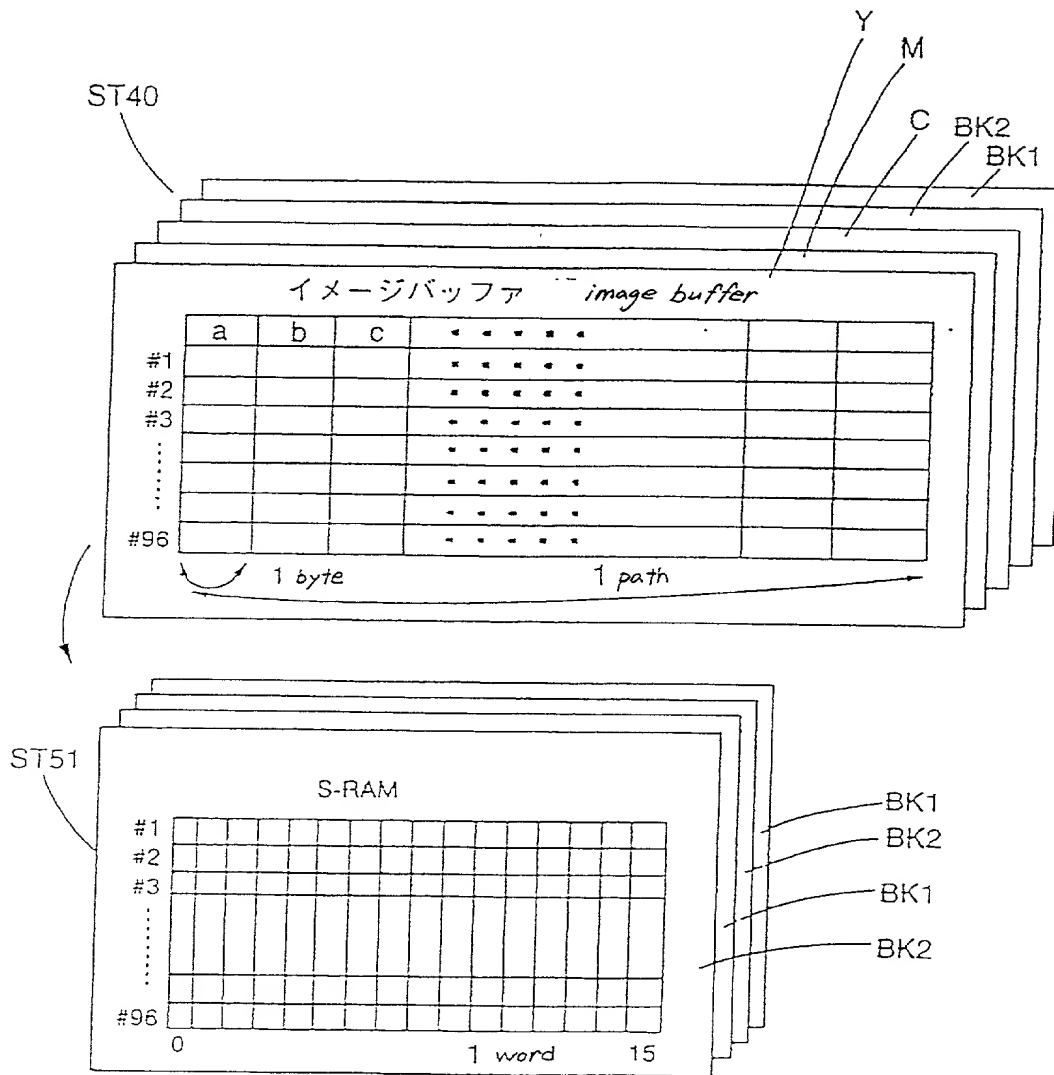
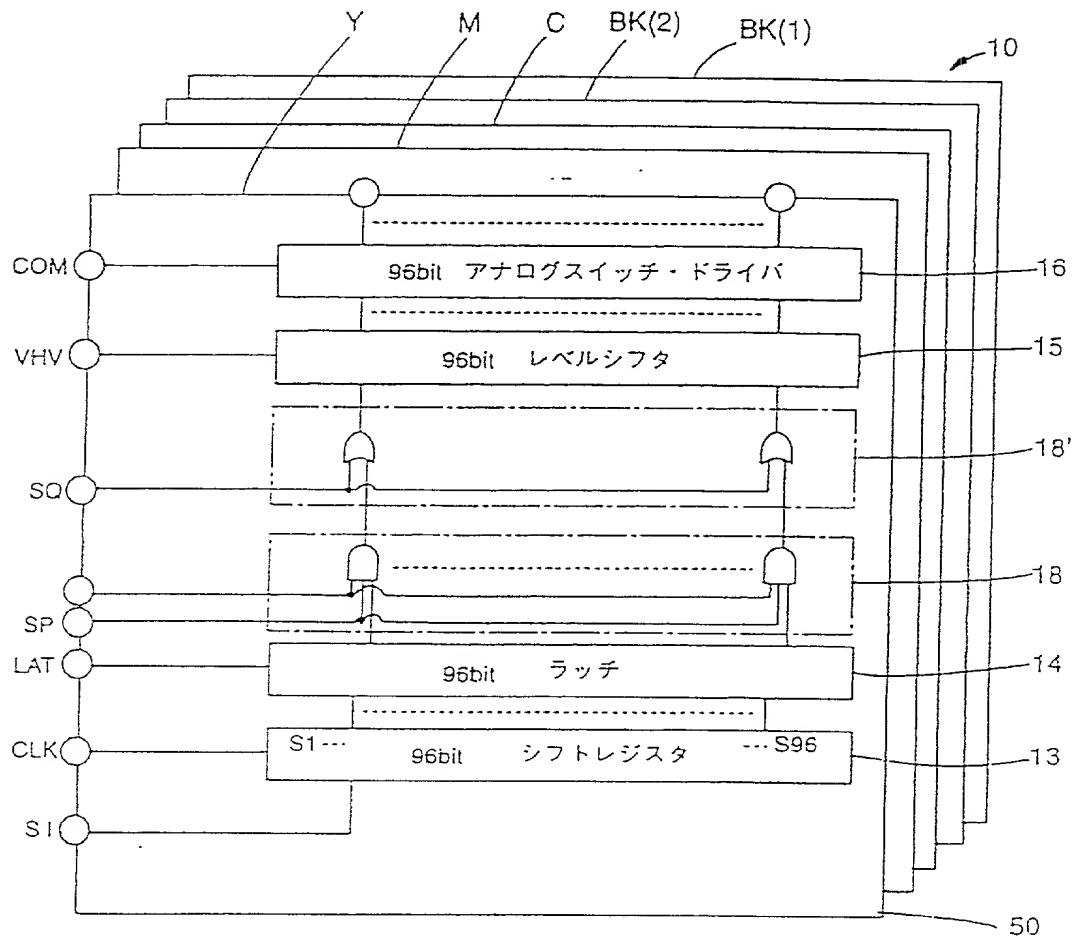


Fig. 13



- 13: shift register
- 14: latch
- 15: level shifter
- 16: analog switch driver